Commonwealth of Kentucky

Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

AIR QUALITY PERMIT

Issued under 401 KAR 52:030

Permittee Name:	**Consolidated Graphics, Inc.**
Mailing Address:	**5858 Westheimer, Suite 200, Houston, TX 77057**
Source Name:	**The Hennegan Company**
Mailing Address:	**7455 Empire Drive** **Florence, Kentucky 41042**
Source Location:	**7455 Empire Drive, Florence, Kentucky**
Permit Number:	**F-05-022 (R1)**
Source A. I. #:	**37191**
Activity #:	**APE20070001**
Review Type:	**Administrative Amendment**
Source ID #:	**21-015-00088**
Regional Office:	**Florence Regional Office** **7964 Kentucky Drive, Suite #8** **Florence, KY 41042** **(859) 292-6411**
County:	**Boone**
Application Complete Date:	**June 14, 2005**
Issuance Date:	**September 27, 2005**
Revision Date:	**March 19, 2007**
Expiration Date:	**September 27, 2010**

John S. Lyons, Director
Division for Air Quality

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	Permit type	**Log or Activity#**	**Complete Date**	**Issuance Date**	**Summary of Action**
F-05-022	**Initial Issuance**	**APE20050004**	**6/14/05**	**9/27/2005**	**Initial Construction Permit**
F-05-022 (R1)	**Revision**	**APE20070001**	**12/8/2005**	**3/19/2007**	**Administrative Amendment**

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction / operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

EP01 (01W, 02W & 03W) Lithographic Web Presses Utilizing Heat Set Inks

Description:

01W is a **6-color Baker Perkins G14 Web Printing Press** using a fountain solution to distinguish between print area and non-print area with an oven and a chiller.
01W has a UV curing or aqueous coating applicator.
01W has a maximum design feed rate of 1,450 ft/min (per manufacturer) but will typically be operated at 1,000 ft/min.
01W utilizes cylinders with a printable surface 37.5 inches wide and the capacity to print on both sides of a web simultaneously.
01W can utilize heat set ink at a maximum design rate of 21.75 gal/hr due to dryer limitations.
The oven on 01W uses 2-2.93 MM Btu/hr maximum heat input burner to dry ink on the web.
01W is equipped with automated blanket washing system utilizing a packaged solvent and cloth system to clean ink from blanket cylinders.

Construction commenced: 1986
Modified to accommodate aqueous coating: January 2001.

02W is a **6-color Baker Perkins G14 Web Printing Presses** using a fountain solution to distinguish between print area and non-print area with an oven and a chiller.
02W has a maximum design feed rate of 1,850 ft/min (per manufacturer) but will typically be operated at 1,000 ft/min.
02W utilizes cylinders with a printable surface 37.5 inches wide and the capacity to print on both sides of a web simultaneously.
02W can utilize heat set ink at a maximum design rate of 27.75 gal/hr due to dryer limitations.
The oven on 02W uses 2-2.93 MM Btu/hr maximum heat input burner to dry ink on the web.
02W is equipped with automated blanket washing system utilizing a packaged solvent and cloth system to clean ink from blanket cylinders.

Construction commenced: 1991

03W is an **8-color Heidelberg Web Printing Press** using a fountain solution to distinguish between print area and non-print area with an oven and a chiller.
03W has a maximum design feed rate of 2,000 ft/min (per manufacturer) but it will typically be operated at 1,400 ft/min.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

03W utilizes cylinders 38 inches wide and has the capacity to print on both sides of a web simultaneously.
03W can utilize heat set ink at a maximum design rate of 263 lbs/hr due to dryer limitations.
The oven on 03W uses a 4.0 MM Btu/hr maximum heat input burner to dry ink on the web.
03W is equipped with automated blanket washing system utilizing a packaged solvent and cloth system to clean ink from blanket cylinders.

Construction commenced: 2001

Control Equipment: VOC emissions from 01W - 03W are controlled by a regenerative thermal oxidizer. On August 21, 2002, the VOC destruction and removal efficiency of the thermal oxidizer was determined on average to be 97.8%. The permit limit is 90%.

Control Equipment in operation: February, 2002

APPLICABLE REGULATIONS:

Regulation **401 KAR 50:012**, General application, requires control procedures that are reasonable and available to be applied to all major sources of VOCs located in a nonattainment area.

Regulation **401 KAR 59:010**, New process operations applicable to each affected facility associated with a process operation commenced after July 2, 1975, limits particulate emissions.

Regulation **401 KAR 51:052**, Review of new sources in or impacting upon nonattainment areas, applies to new major sources or major modifications commenced after September 22, 1982 located in a nonattainment area. This regulation has been determined by the Division to not be applicable due to limitations to be imposed on the source.

Operating Limitations:

401 KAR 50:012

The following limits are required by Section 1(1) of 401 KAR 50:012. The limits have been established by the Division and represent control procedures that are reasonable and available.

1. For each web press, its respective dryer shall operate at negative pressure relative to the surrounding pressroom.

Compliance Demonstration Method:

For each dryer, a pressure differential device shall be installed, calibrated, maintained and operated according to the manufacturer's instructions and shall read any number above zero

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

mbar of mercury. If the minimum pressure is not met, the respective press shall automatically shut off.

2. When a web press is in operation, combustion chamber temperature of the regenerative thermal oxidizer shall be maintained above the average temperature that the oxidizer is operated at during initial testing.

Compliance Demonstration Method:

A monitoring temperature device shall be installed, calibrated, maintained, and operated according to manufacturer's instructions in the combustion chamber. The monitoring temperature device shall have a precision of plus or minus 1% of the temperature measured.

3. The fountain solution utilized by each press shall not contain alcohol.

Note: Alcohol is defined to mean normal propyl alcohol, ethanol, and isopropyl alcohol.

4. The fountain solution as applied to the web presses shall contain no more than 5% VOC by weight.

Compliance Demonstration Method:

The VOC content of fountain solutions applied at each press shall be demonstrated to be no more than 5%.

VOC content (% by weight) = 100%

x Σ **[**gallons of each ingredient in the applied fountain solution
x VOC content (in lbs/gal) of the ingredient**]**

/ Σ **[**gallons of each ingredient in the applied fountain solution
x density (in lbs/gal) of the ingredient**]**

5. Cleaning solutions shall be limited to a maximum vapor pressure of 10 mm Hg @ 20° C.

6. Evaporative losses from cleaning solutions shall be minimized. Unused solutions and waste portions (including solvent laden towels) shall be stored in closed containers.

Compliance Demonstration Method:

Surrogate monitoring and record keeping shall be used to demonstrate compliance with the requirement for 3, 4, 5 and 6 above.

401 KAR 59:010

7. Only natural gas shall be burned in the ovens.

8. Only inks designed for use with heat set web presses shall be used.

9. Operation and maintenance of the presses and control devices shall be practiced in accordance with manufacturer's specifications unless otherwise allowed or prohibited in this permit.

401 KAR 51:052, New Source Review Synthetic Minor Limitation

The following limitation has voluntarily been accepted to avoid applicability of 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas. The limitation results from larger applicable synthetic minor limitations and the permittee's choice to simplify record keeping requirements.

10. Raw material use and demonstrated capture efficiency, control efficiency at the web presses shall be such that VOC emitted from the web presses during any 12 consecutive month period is **< or = to** 54 tons demonstrated on a monthly basis.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Limitations:

401 KAR 59:010

1. Section 3(1) limits visible emissions to less than 20% opacity.

2. Section 3(2) limits emissions of particulate matter from each press to a maximum of 2.34 lbs/hr.

Compliance Demonstration Method:

401 KAR 59:010, Section 3(1)

The permittee shall perform a qualitative visual observation of the opacity of emissions from the RTO exhaust at least once per operating month and maintain a log of the observations. If visible emissions are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of the control equipment for all necessary repairs.

401 KAR 59:010, Section 3(2)

Particulate emissions from the web presses have been assumed to be minimal as long as the presses are operated properly, appropriate inks are used, and natural gas is burned in the ovens.

401 KAR 50:012

The following limit is required by Section 1(1) of 401 KAR 50:012. The limit has been established by the Division and represents control procedures that are reasonable and available.

3. At least 90% of the VOC emissions entering the dryer exhausts shall be eliminated from the stack while any web press is in operation.

Compliance Demonstration Method:

Initial compliance shall be demonstrated through testing. Continued compliance shall be demonstrated through monitoring. If combustion chamber temperature is equivalent to or greater than the minimum combustion chamber temperature realized during initial compliance demonstration, control efficiency is assumed to be equivalent to initial demonstration.

401 KAR 51:052, New Source Review Synthetic Minor Limitation

The following limitation has voluntarily been accepted to avoid applicability of 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas. The limitation results from larger applicable synthetic minor limitations and the permittee's choice to simplify record keeping requirements.

4. For any 12 consecutive month period, VOC emissions from the web presses shall be less than or equal to 54.0 tons as demonstrated on a monthly basis.

Compliance Demonstration Method:

Compliance shall be demonstrated through surrogate monitoring, record keeping, and calculation of VOC emissions from the web presses each month. From the monthly calculations, VOC emissions can be determined for each 12 consecutive month period. Use the following equation to determine the VOC emission each month.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Monthly VOC Emissions (lbs) =

Σ {Ink used (lb) x VOC content (weight %) x (1 - substrate retention) x (1 – Ink capture efficiency x control efficiency of oxidizer])} +

Σ {Fountain Solution Concentrate used (gal) x VOC content (lbs/gal) x (1 – [Fountain Solution capture efficiency x control efficiency of oxidizer])} +

Σ {Fountain Solution Additive used (gal) x VOC content (lbs/gal) x (1 – [Fountain Solution capture efficiency x control efficiency of oxidizer])} +

Σ {Automatic Blanket Wash used (gal) x VOC content (lbs/gal) x (1 – [Automatic Blanket Wash capture efficiency x control efficiency of oxidizer])} +

Σ {Hand Cleaning Solution used (gal) x VOC content (lbs/gal) x (1 - % VOC emission reduction due to solution remaining in rags)} +

Σ {Other VOC containing materials (gal) x VOC content (lbs/gal) x (1 - substrate retention or) x (1 – capture efficiency x control efficiency of oxidizer])}

Monthly VOC Emissions (tons) = Monthly VOC Emissions (lbs) / 2000

Assuming capture and control are verified through parametric monitoring described in this permit, the following shall be utilized in the above equation (absent subsequent testing an approval by the Division).

Ink capture efficiency	=	100%
Automatic blanket wash capture efficiency	=	40%
Fountain solution capture efficiency	=	70%
% VOC emission reduction due to solution remaining in rags	=	50%, when Operating Limitations #5 and #6 are complied with
Substrate retention	=	20%
Control efficiency of oxidizer*	=	97.8 %

* - The control efficiency of the oxidizer is based on the test done by Hennegan, on 8/21/2002, using appropriate EPA Methods approved by the Division.

Testing Requirements:

401 KAR 50:012

1. As part of the requirements imposed by Section 1(1) of 401 KAR 50:012, VOC control efficiency of the regenerative thermal oxidizer shall be reevaluated through testing using appropriate EPA Methods at least once every 5 years. See Section F11 for provision applicable to testing. Alternative control efficiency determinations may be made only with the approval of the Division.

2. Pursuant to 401 KAR 50:045, Section 2, a source required to conduct a performance test shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

50:045, Section 7, the Division shall be notified of the actual test date at least thirty (30) days prior to the test.

3. Pursuant to 401 KAR 50:045 Section 5 in order to demonstrate that a source is capable of complying with a standard at all times, a performance test shall be conducted under normal conditions that are representative of the source's operations and create the highest rate of emissions. If [When] the maximum production rate represents a source's highest emissions rate and a performance test is conducted at less than the maximum production rate, a source shall be limited to a production rate of no greater than 110 percent of the average production rate during the performance tests. If and when the facility is capable of operation at the rate specified in the application, the source may retest to demonstrate compliance at the new production rate. The Division for Air Quality may waive these requirements on a case-by-case basis if the source demonstrates to the Division's satisfaction that the source is in compliance with all applicable requirements.

Specific Monitoring Requirements:

401 KAR 50:012

As part of the requirements resulting from Section 1(1) of 401 KAR 50:012, the following monitoring shall be required to demonstrate compliance.

1. The temperature of the combustion chamber for the thermal oxidizer shall be continuously monitored while any web press is in operation.

2. The pressure differential of each dryer shall be continuously monitored while the respective press is in operation. Additionally, proper operation of the pressure measuring devices shall be verified quarterly.

3. Unused and waste portions (including solvent laden towels) of cleaning solutions shall be monitored daily to verify that the solutions are stored in closed containers.

Specific Record Keeping Requirements:

401 KAR 50:012

As part of the requirements resulting from Section 1(1) of 401 KAR 50:012, the following record keeping shall be required to demonstrate compliance or determine actual emissions.

1. The temperature of the combustion chamber for the thermal oxidizer shall be recorded continuously by a strip chart, computer, or some other continuous recording device.

2. The time and date at which a dryer does not operate under negative pressure and causes the respective press to cease operation shall be recorded. Corrective actions shall be recorded.

3. Quarterly verifications described in Specific Monitoring Requirement #2 shall also be recorded and include date and adjustments made.

4. The VOC content (% by weight) of fountain solutions applied on web presses shall be calculated and recorded using the equation in Compliance Demonstration Method for Operating Limitation #4.

5. The vapor pressure and VOC content (in lbs/gal) of each cleaning solution utilized on a web press shall be recorded.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. Monitored storage of cleaning solutions that is not consistent with Operating Limitation #5 shall be recorded.

7. Compliance status with Specific Monitoring Requirement #3 shall be recorded weekly to demonstrate that the monitoring was actually performed.

401 KAR 59:010

8. A record of the type of fuel burned in the ovens shall be maintained.

9. A record of the type of ink used by the presses shall be maintained.

10. A copy of the manufacturer's operating and maintenance specifications of the presses and control devices shall be maintained and made available to appropriate Division personnel,

11. Any operation or maintenance that is outside of the manufacturer's recommendations shall be recorded, and

12. Dates of maintenance performance shall be recorded.

401 KAR 51:052, New Source Review Synthetic Minor Limitation

13. Monthly records shall be kept of all materials containing VOC's used at the web presses, including the weight percent VOC content of each.

14. The total VOC emission from the web presses shall be calculated and recorded for each month using the equation in the Compliance Demonstration for Emission Limitation #4.

15. The total VOC emitted from the web presses shall be recorded for each 12 consecutive month period.

16. Monthly records (including MSDS) shall be maintained by the source for the most recent five (5) years. These records shall be made available to the Division or the U.S. EPA upon request.

Specific Reporting Requirements:

401 KAR 50:012 and 401 KAR 51:052, New Source Review Synthetic Minor Limitation

As part of the requirements resulting from Section 1(1) of 401 KAR 50:012 and compliance demonstration for Emission Limitation #4, the following shall be required. Reports shall be certified by a responsible official and delivered or postmarked to the Division's Florence Regional Office prior to January 30th and July 30th of each year.

1. Minimum combustion chamber temperature during semiannual reporting periods shall be reported.

2. All information collected during semiannual reporting periods to comply with Specific Record Keeping Requirement #2 shall be reported.

3. The VOC content of the fountain solutions utilized on the web presses during semiannual reporting periods shall be reported.

4. The total VOC emission from the web presses each month during semiannual reporting periods shall be reported.

5. The total VOC emitted from the web presses each 12 consecutive month period ending during semiannual reporting periods shall be reported.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. Any noncompliance with above permit conditions during semiannual reporting periods shall be reported and include the duration of the noncompliance. If all permit conditions were complied with, the permittee shall report that all permit conditions were complied with.

Specific Control Equipment Operating Conditions:

See Operating Limitations.

Alternate Operating Scenarios:

N/A

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP02 (01SF, 03SF, 06SF, 07SF, and 08SF) Sheet Fed Lithographic Presses

Description:

01SF is a **6-color Heidelberg Sheet Fed Printing Press** using a fountain solution to distinguish between print area and non-print area.
01SF utilizes only oxidation/polymerization sheet fed ink.
01SF has an ambient air dryer, and a starch applicator. Additionally, 01SF is equipped with an aqueous coating station.
01SF is capable of printing at a rate of 12,500 impressions per hour but will typically be operated at 8,000 impressions per hour.
01SF has a maximum printing area of 27.25" x 40".
01SF press print on only one side, is cleaned manually, and has no physical control equipment for VOC emissions.

Construction commenced: 1991.

03SF is a **6-color Heidelberg Sheet Fed Printing Press** using a fountain solution to distinguish between print area and non-print area.
03SF utilizes only oxidation/polymerization sheet fed ink.
03SF has an ambient air dryer, and a starch applicator. Additionally, 03SF is equipped with an aqueous coating station.
03SF is capable of printing at a rate of 12,500 impressions per hour but will typically be operated at 8,000 impressions per hour.
03SF has a maximum printing area of 27.25" x 40".
03SF press print on only one side, is cleaned manually, and has no physical control equipment for VOC emissions.

Construction commenced: May 1996.

06SF is an **8-color Heidelberg Sheet Fed Printing Press** using a fountain solution to distinguish between print area and non-print area and each is equipped with a UV lamp to set UV ink.
06SF can utilize either oxidation/polymerization sheet fed ink or UV setting ink.
06SF has an ambient air dryer, and a starch applicator. Additionally, 06SF is equipped with an aqueous coating station.
06SF is capable of printing at a rate of 15,000 impressions per hour but will typically be operated at 10,000 impressions per hour.
06SF has a maximum printing area of 27.25" x 40".
06SF press prints on only one side, is cleaned manually, and has no physical control equipment for VOC emissions.

Construction commenced: May 1996.
06SF replaced by like press while under warranty: December 1999.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

07SF is an **8-color Heidelberg Sheet Fed Printing Press** using a fountain solution to distinguish between print area and non-print area and each is equipped with a UV lamp to set UV ink.
07SF can utilize either oxidation/polymerization sheet fed ink or UV setting ink.
07SF has an ambient air dryer, and a starch applicator. Additionally, 07SF is equipped with an aqueous coating station.
07SF is capable of printing at a rate of 15,000 impressions per hour but will typically be operated at 10,000 impressions per hour.
07SF has a maximum printing area of 27.25" x 40".
07SF press prints on only one side, is cleaned manually, and has no physical control equipment for VOC emissions.

Construction commenced: December 1998.

08SF is a **12-color Heidelberg Sheet Fed Printing Press** using a fountain solution to distinguish between print area and non-print area and each is equipped with a UV lamp to set UV ink.
08SF utilizes only oxidation/polymerization sheet fed ink.
08SF has an ambient air dryer, and a starch applicator. Additionally, 08SF is equipped aqueous coating on stations 6 and 12.
08SF is capable of printing at a rate of 12,000 impressions per hour but will typically be operated at 8,000 impressions per hour with a minimum of 3,000 impressions per hour.
08SF has a maximum printing area of 27.95" x 40.16".
08SF can print on only one side for the first 6 color stations, and on only one side (same or opposite side) for the second 6 color stations.
08SF has no physical control equipment for VOC emissions.

Construction commenced: September 2005.

APPLICABLE REGULATIONS:

Regulation **401 KAR 50:012**, General application, requires control procedures that are reasonable and available to be applied to all major sources of VOCs located in a nonattainment area.

Regulation **401 KAR 59:010**, New process operations applicable to each affected facility associated with a process operation commenced after July 2, 1975, limits particulate emissions.

Regulation **401 KAR 51:052**, Review of new sources in or impacting upon nonattainment areas, applies to new major sources or major modifications commenced after September 22, 1982 located in a nonattainment area. This regulation has been determined by the Division to not be applicable due to limitations to be imposed on the source.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Operating Limitations:

401 KAR 50:012

The following limits are required by Section 1(1) of 401 KAR 50:012. The limits have been established by the Division and represent control procedures that are reasonable and available.

1. The fountain solution utilized by each press shall not contain alcohol.

Note: Alcohol is defined to mean normal propyl alcohol, ethanol, and isopropyl alcohol.

2. The fountain solution applied to the sheetfed presses shall contain no more than 5% VOC by weight.

Compliance Demonstration Method:

See the Compliance Demonstration Method for Operating Limitation #4 under EP01 in Section B.

3. Cleaning solutions shall be limited to a maximum vapor pressure of 10 mm Hg @ 20° C.

4. Evaporative losses from cleaning solutions shall be minimized. Unused solutions and waste portions (including solvent laden towels) shall be stored in closed containers.

Compliance Demonstration Method:

Surrogate monitoring and record keeping shall be used to demonstrate compliance with the requirement.

401 KAR 59:010

5. Only inks designed for use with the sheet fed presses shall be used.

6. Operation and maintenance of the presses shall be practiced in accordance with manufacturer's specifications unless otherwise allowed or prohibited in this permit.

401 KAR 51:052, New Source Review Synthetic Minor Limitation

The following limitation has voluntarily been accepted to avoid applicability of 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas. The limitation results from larger applicable synthetic minor limitations and the permittee's choice to simplify record keeping requirements. The limitation is required to make Emission Limitation #3 enforceable as a practical matter.

7. Raw material use at the sheet fed presses shall be such that VOC emitted, calculated using the compliance demonstration method for Emission Limitation #3, from the sheet fed presses during any 12 consecutive month period is **< or = to** 36 tons demonstrated on monthly basis.

Emission Limitations:

401 KAR 59:010

1. Section 3(1) limits visible emissions to less than 20% opacity.

2. Section 3(2) limits emissions of particulate matter from each press to a maximum of 2.34 lbs/hr.

Compliance Demonstration Method:

Particulate emissions and opacity from the sheetfed presses have been assumed to be minimal as long as the presses are operated properly, appropriate inks are used, and natural gas is burned in the ovens.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

401 KAR 51:052, New Source Review Synthetic Minor Limitation

The following limitation has voluntarily been accepted to avoid applicability of 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas. The limitation results from larger applicable synthetic minor limitations and the permittee's choice to simplify record keeping requirements.

3. For any 12 consecutive month period, VOC emissions from the sheet fed presses shall be less than or equal to 36.0 tons as demonstrated on a monthly basis.

Compliance Demonstration Method:

Compliance shall be demonstrated through record keeping and calculation of VOC emissions from the sheet fed presses each month. From the monthly calculations, VOC emissions can be determined for each 12 consecutive month period. Use the following equation to determine the VOC emission each month.

VOC emitted (lbs) = Σ [lbs of each ink or varnish used
x VOC weight % of ink or varnish] x (1 - substrate retention)
+ Σ [lbs of each other coating used x VOC weight % of other coating]
+ Σ [gallons of each manually applied cleaning solution used
x VOC content of solution (lbs/gal)]
x (1 - % VOC emission reduction due to solution remaining in rags)
+ Σ [gallons of each fountain additive used x VOC content of the additive (lbs/gal)]

The following shall be utilized in the above equation (absent subsequent testing and approval by the Division).

% VOC emission reduction due to solution remaining in rags	=	50%, when Operating Limitations #3 and #4 are complied with
Substrate retention	=	95%

Testing Requirements:

N/A

Specific Monitoring Requirements:

401 KAR 50:012

As part of the requirements resulting from Section 1(1) of 401 KAR 50:012, the following monitoring shall be required to demonstrate compliance.

1. Unused and waste portions (including solvent laden towels) of cleaning solutions shall be monitored daily to verify that the solutions are stored in closed containers.

Specific Record Keeping Requirements:

401 KAR 50:012

As part of the requirements resulting from Section 1(1) of 401 KAR 50:012, the following record keeping shall be required to demonstrate compliance or determine actual emissions.

1. The VOC content (% by weight) of fountain solutions applied on sheet fed presses shall be calculated and recorded using the equation in Compliance Demonstration

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Method for Operating Limitation #4 under EP01 in Section B.

2. The vapor pressure and VOC content (in lbs/gal) of each cleaning solution utilized on the sheet fed presses shall be recorded.

3. Monitored storage of cleaning solutions that is not consistent with Operating Limitation #4 shall be recorded.

4. Compliance status with Specific Monitoring Requirement #1 shall be recorded weekly to demonstrate that the monitoring was actually performed.

401 KAR 59:010

5. A record of the type of ink used by the presses shall be maintained.

6. A copy of the manufacturer's operating and maintenance specifications shall be maintained and made available to appropriate Division personnel,

7. Any operation or maintenance that is outside of the manufacturer's recommendations shall be recorded, and

8. Dates of maintenance performance shall be recorded.

401 KAR 51:052, New Source Review Synthetic Minor Limitation

9. Monthly records shall be kept of all materials containing VOC's used at the sheet fed presses, including the weight percent VOC content of each.

10. The total VOC emission from the sheet fed presses shall be calculated and recorded for each month using the equation in the Compliance Demonstration for Emission Limitation #3.

11. The total VOC emitted from the sheet fed presses shall be recorded for each 12 consecutive month period.

12. Monthly records (including MSDS) shall be maintained by the source for the most recent two (2) year period. These records shall be made available to the Division or the U.S. EPA upon request.

Specific Reporting Requirements:

401 KAR 50:012 and New Source Review Synthetic Minor Limitation

As part of the requirements resulting from Section 1(1) of 401 KAR 50:012 and compliance demonstration for Emission Limitation #3, the following shall be required. Reports shall be certified by a responsible official and delivered or postmarked to the Division's Florence Regional Office prior to January 30th and July 30th of each year.

1. The VOC content of the fountain solutions utilized on the sheetfed presses during semiannual reporting periods shall be reported.

2. The total VOC emission from the sheetfed presses each month during semiannual reporting periods shall be reported.

3. The total VOC emitted from the sheetfed presses each 12 consecutive month period ending during semiannual reporting periods shall be reported.

4. Any noncompliance with above permit conditions during semiannual reporting periods shall be reported and include the duration of the noncompliance. If all permit conditions were complied with, the permittee shall report that all permit conditions were complied with.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Specific Control Equipment Operating Conditions:

N/A

Alternate Operating Scenarios:

N/A

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

	Description	Generally Applicable Regulation
1.	Raw Material Handling Using An Internal Combustion Engine That is Less Than 50 hp (Tractor)	None
2.	Film Processing Using Sodium Sulfite, Hydroquinone, and Sodium Hydroxide	None
3.	Marconi Data Systems Videojet Ink System Integrated Into Bindery Line to Print Address Labels	None

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b (IV)(1) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
   a. Date, place (as defined in this permit), and time of sampling or measurements;
   b. Analyses performance dates;
   c. Company or entity that performed analyses;
   d. Analytical techniques or methods used;
   e. Analyses results; and
   f. Operating conditions during time of sampling or measurement.

2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality[401 KAR 52:030 Section 3(1)(f)1a and Section 1a (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

3. In accordance with the requirements of 401 KAR 52:030 Section 3(1)f the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
   a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
   b. To access and copy any records required by the permit:
   c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

   Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All reports shall be certified by a responsible official pursuant to 401 KAR 52:030 Section 22. All deviations from permit requirements shall be clearly identified in the reports.

7. In accordance with the provisions of 401KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
   a. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
   b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall submit written notice upon request.

8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above) to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.5 [Section 1b V(3) and (4) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

9. Pursuant to 401KAR 52:030, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit in accordance with the following requirements:
   a. Identification of each term or condition;
   b. Compliance status of each term or condition of the permit;
   c. Whether compliance was continuous or intermittent;
   d. The method used for determining the compliance status for the source, currently and over the reporting period.
   e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

f. The certification shall be postmarked by January 30th of each year. **Annual compliance certifications should be mailed to the following addresses:**

Division for Air Quality
Florence Regional Office
8020 Veterans Memorial Drive, Suite 110
Florence, KY 41042

Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, KY 40601

10. In accordance with 401KAR 52:030, Section 3(1)(d), the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission survey is mailed to the permittee. If a KYEIS emission report is not mailed to the permittee, comply with all other emission reporting requirements in this permit.

11. Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or soon if required by an applicable standard, after the completion of the fieldwork.

12. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
    a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
        i. The size and location of both the original and replacement units; and
        ii. Any resulting change in emissions;
    b. The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
    c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
    d. The replacement unit shall comply with all applicable requirements; and
    e. The source shall notify Regional office of all shutdowns and start-ups.
    f. Within six (6) months after installing the replacement unit, the owner or operator shall:
        i. Re-install the original unit and remove or dismantle the replacement unit; or
        ii. Submit an application to permit the replacement unit as a permanent change.

SECTION G - GENERAL PROVISIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030 Section 3(1)(b) and is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and reissuance, revision, or denial of a permit [Section 1a (2) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a (5) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030 Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:
   a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:030 Section 12;
   b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
   c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

4. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

5. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the conditions of this permit[Sections 1a (6) and (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

SECTION G - GENERAL PROVISIONS (CONTINUED)

6. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:030 Section 7(1)].

7. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a (11) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

8. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a (3) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

9. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1a (12)(b) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

10. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038 Section 3(6) [Section 1a (9) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

11. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:030 Section 11(3)].

12. This permit does not convey property rights or exclusive privileges [Section 1a (8) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

13. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.

14. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.

15. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.

SECTION G - GENERAL PROVISIONS (CONTINUED)

16. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

17. Permit Shield – A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
    a. Applicable requirements that are included and specifically identified in this permit; and
    b. Non-applicable requirements expressly identified in this permit.

18. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030 Section 3(1)(c)].

19. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:030 Section 8(2)].

(b) Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:030 Section 12].

(c) Permit Revisions

1. Minor permit revision procedures specified in 401 KAR 52:030 Section 14 (3) may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:030 Section 14 (2).

2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(d) Construction, Start-Up, and Initial Compliance Demonstration Requirements
Pertaining to EP 02 (08SF)

1. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.

2. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, with a copy to the Division's Frankfort Central Office, notification of the following:
   a. The date when construction commenced.
   b. The date of start-up of the affected facilities listed in this permit.
   c. The date when the maximum production rate specified in the permit application was achieved.

3. Pursuant to 401 KAR 52:030, Section 3(2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.

4. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the final permit. Operational or final permit approval is not granted by this permit until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055. If compliance is not demonstrated within the prescribed timeframe provided in 401 KAR 50:055, the source shall operate thereafter only for the purpose of demonstrating compliance, unless otherwise authorized by Section I of this permit or order of the Cabinet.

5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements.

6. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) Emergency Provisions

1. Pursuant to 401 KAR 52:030 Section 23(1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
   a. An emergency occurred and the permittee can identify the cause of the emergency;
   b. The permitted facility was at the time being properly operated;
   c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
   d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.

2. Notification of the Division does not relieve the source of any other local, state or federal notification requirements.

3. Emergency conditions listed in General Provision G(f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:030 Section 23(3)].

4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof[401 KAR 52:030 Section 23(2)].

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

   RMP Reporting Center
   P.O. Box 1515
   Lanham-Seabrook, MD 20703-1515.

2. If requested, submit additional relevant information to the Division or the U.S. EPA.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
   a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
   b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
   c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
   d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
   e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
   f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION H - ALTERNATE OPERATING SCENARIOS

NA

SECTION I - COMPLIANCE SCHEDULE

NA